Free Questions for HQT-4420

Shared by Newman on 04-10-2024

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Question 1

How should the RAID group(s) and logical volume(s) be configured on an HCP G10 node with six internal drives?

Options:

A- a single RAID group with a single logical volume

B- a single RAID group with three logical volumes.

C- three RAID groups each with a single logical volume

D- three RAID groups each with three logical volumes

Answer:

A

Explanation:

On an HCP G10 node with six internal drives, the recommended configuration is to create a single RAID group with a single logical volume. This setup maximizes the available storage capacity and provides a balanced approach to data protection, performance, and

management simplicity. By using a single RAID group, the HCP system can efficiently manage data redundancy and integrity across all drives.

Hitachi Vantara Content Platform Installation Reference:

Configuring a single RAID group with a single logical volume simplifies management and provides optimal performance and redundancy, which aligns with the best practices for setting up an HCP G10 node.

Question 2

A customer is using a four-node HCP G10 cluster and they would like to upgrade to eight nodes.

Which two node models can be used to upgrade the cluster? (Choose two.)

Options:

A- Compute Rack 210H

B- G10

C- G11

D- S10

Answer:

B, C

Explanation:

To upgrade a four-node HCP G10 cluster to an eight-node cluster, the customer can use additional G10 or G11 node models. The HCP platform supports the addition of both G10 and G11 nodes in the same cluster, as they are compatible with each other in terms of architecture, management, and functionality. This allows the cluster to be scaled up by adding more nodes of either model to meet growing storage and performance needs.

Hitachi Vantara Content Platform Installation Reference:

When expanding an HCP G10 cluster, it is crucial to use node models that are supported and compatible with the existing cluster configuration, such as G10 and G11.

Question 3

Question Type: MultipleChoice

You need to convert the installation media ISO image to a bootable USB drive.

Which tool from the "HCP-G10-Tools" package should you use?

Options:

A- Bootflash

B- Flashwrite64

C- Rawflash

D- Rawrite32

Answer:

D

Explanation:

To convert the installation media ISO image to a bootable USB drive, the 'Rawrite32' tool from the 'HCP-G10-Tools' package should be used. Rawrite32 is specifically designed to write ISO images to USB drives, creating a bootable medium for installing or upgrading the HCP system. This tool is commonly used for preparing installation media in Hitachi Vantara environments and is documented in the 'HCP G10 Installation Preparation Guide.'

Question 4

Question Type: MultipleChoice

What does the HCP Data Protection Level setting identify?

Options:

A- the number of copies of object metadata to be maintained by the system

B- the RAID type used to store object metadata in the system

C- the RAID type used to store an object in the system

D- the number of copies of an object to be maintained by the system

Answer:

D

Explanation:

The HCP Data Protection Level setting identifies the number of copies of an object that the system maintains. This setting allows administrators to specify how many redundant copies of each object are stored across the system's nodes or storage devices, ensuring data durability and protection against hardware failures. The number of copies can be adjusted to meet the desired level of data protection according to the organization's policy. This is explained in detail in the 'HCP System Management and Configuration Guide.'

Question 5

Question Type: **MultipleChoice**

Which two statements are true about the HCP G10 SSD option? (Choose two.)

Options:

A- Two SSD disks are installed at the rear of the server

B- Six SSD disks are installed in the front of the server

C- Software RAID1 is used to mirror the disks

D- Hardware RAID6 is used to ensure fault tolerance.

Answer:

A, C

Explanation:

For the HCP G10 SSD option:

Two SSD disks are installed at the rear of the server (A): This is correct. The SSDs in the HCP G10 server are typically installed at the rear of the server to provide fast access to critical system data, such as metadata and indexes.

Software RAID1 is used to mirror the disks (C): This statement is also correct. Software RAID1 provides mirroring of the SSD disks, ensuring redundancy and data protection in case of a disk failure. RAID1 is chosen for its simplicity and reliability in providing redundancy without requiring additional hardware. Details can be found in the 'HCP G10 Hardware Configuration and Maintenance Guide.'

Question 6

Question Type: **MultipleChoice**

What is the default password for logging into the S10 or the S30 management console?

Options:

A- Chang3Me!

B- chang3me!

C- Start123l

D- Manager

Answer:

A

Explanation:

The default password for logging into the S10 or the S30 management console is 'Chang3Me!'. This default password is provided to ensure initial access to the management console, but it is strongly recommended to change this password immediately upon first login to maintain system security. Information regarding default credentials can be found in the 'Hitachi Vantara HCP S10 and S30 Management Console User Guide.'

Question 7

What is required to configure host group security on a new HCP G10 with attached storage?

Options:

A- MAC address of the back-end NICs

B- MAC address of the front-end NICs

C- World Wide Port Name

D- World Wide Node Name

To configure host group security on a new HCP G10 with attached storage, the World Wide Port Name (WWPN) is required. The WWPN is a unique identifier for each Fibre Channel port in a storage area network (SAN) environment. It is used to configure access control and define which hosts can communicate with specific storage resources. This setting ensures that only authorized hosts can access the storage, enhancing the overall security of the HCP system. This requirement is documented in the 'Hitachi Vantara HCP G10 Storage Configuration Guide.'

Answer:

A